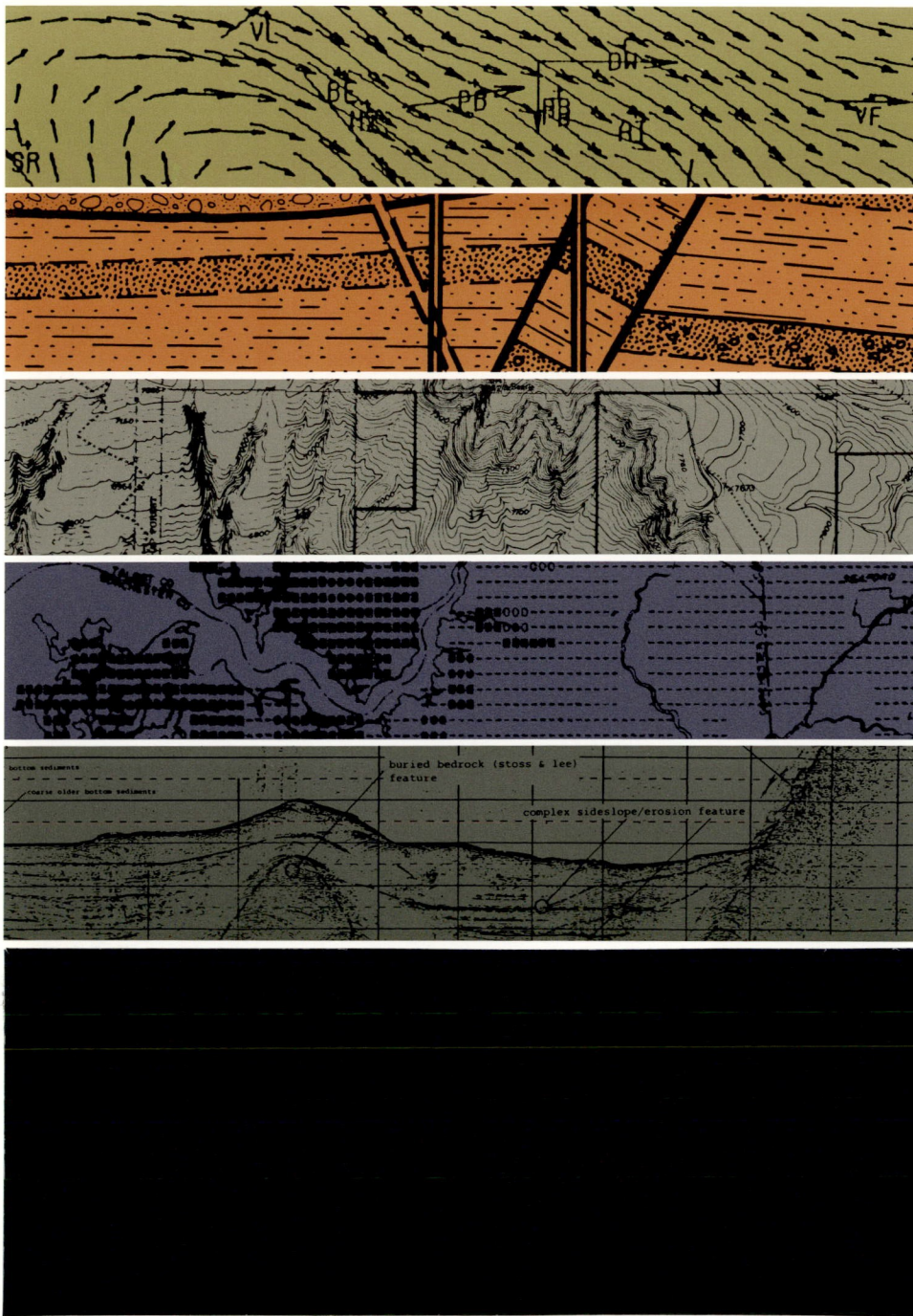


WA D342
Le 19 90
17a



DAMES & MOORE



ADDENDUM
CLOSURE PLAN FOR BUILDING 39
COLUMBIA BUSINESS CENTER
VANCOUVER, WASHINGTON

JUNE 19, 1990
JOB # 17809-001-005



DAMES & MOORE

PORTLAND, OREGON



DAMES & MOORE

A PROFESSIONAL LIMITED PARTNERSHIP

1750 S. W. HARBOR WAY, SUITE 400, PORTLAND, OREGON 97201 (503) 228-7688
FAX NO. (503) 223-6083

June 19, 1990

U.S. Environmental Protection Agency
Region 10
RCRA Compliance Section
1200 Sixth Avenue
Seattle, Washington 98101

Attention: Mr. David Tetta

Addendum
Closure Plan for Building 39
Columbia Business Center
Vancouver, Washington

Dear Mr. Tetta:

This addendum letter is to be attached to the Closure Plan for the Container Storage Area- Buildings 17 and 39- 2000 East Columbia Way, Vancouver, Washington, report (Job Number 17808-001) dated December 29, 1988. That report provided certification of the closure by an independent registered professional engineer.

This addendum is intended to address the Environmental Protection Agency's (EPA) and Washington Department of Ecology's (WDOE) concerns with regard to lead contamination of soil in an area adjacent to Building 39 (new building number 43). EPA's concern was specifically addressed in a letter to Mr. Doug Hardesty (Hillman Properties NW) from Mr. Michael Gearheard (EPA) dated October 19, 1989 (see Attachment 1). It was also discussed in a meeting between EPA and Hillman Property representatives, held in Seattle, Washington in October of 1989. EPA staff stated that WDOE personnel had collected some soil samples adjacent to a loading dock door on the northwest corner of Building 39. These samples were said to contain 300 mg/l lead (see Attachment 2). The lead in the soil samples is believed to have come from the previous occupants of the building, Cascade Tempering. Cascade Tempering moved from Building 5 to Building 39 just before going out of business. They used metal-based compounds in the glazing of glass and had numerous drums stored in Building 39. The containers and contents were properly disposed by Hillman, as stated in our original Closure Report. The soil contamination detected outside the loading dock door was probably the result of spilled glazing compound being swept out the door. This loading dock door is located on the north wall of Building 39, near the center of the wall.

Through visual inspection, Washington Department of Ecology initially identified a 6-foot by 9-foot area beneath the door as contaminated with lead. An EPA letter, dated October 19, 1989, states that the 6-foot by 9-foot area be excavated to a depth of 6 inches. Dames & Moore and a remediation contractor, CECon, recently completed the removal of the lead-contaminated soil from the loading door area behind Building 39.

U.S. Environmental Protection Agency
June 19, 1990
Page 2

The phased cleanup effort was accomplished in four steps between the initial excavation of April 24, 1990, and the final excavation of June 4, 1990. The four steps consisted of excavating a suspected area of contamination, and collecting confirmation samples in the excavation walls and floors. If the floors and walls of the excavation contained lead in concentrations above background levels, further excavation ensued. Figure 1 shows the final excavation limits and Table 1 shows the results of the final soil sampling of the walls and floor of the excavation.

TABLE 1

Sample Location	Sample Depth (in feet)	Lead Concentration (in ppm)	Sample ID (Attachment 3)
North Wall	0-2	19	SS-392-1
West Wall	0-3	40	SS-394-2
East Wall	0-3	16	SS-393-3
West Half Floor	3	5	SS-393-4W
East Half Floor	3	31	SS-393-4E
West Half Floor	2	1.2	SS-394-3
East Half Floor	2	1.6	SS-394-4

The original volume identified by WDOE was thus enlarged to 13 feet by 36 feet by 2-3 feet (see Figure 1). Nearly 26 cubic yards of lead-contaminated soil has been removed from the excavation behind Building 39. The majority of the excavated soil was included in shipments of lead-contaminated soil to ESI-Idaho from Building 5 (the original site of Cascade Tempering). A small amount (<2 yards) of contaminated soil (<470 ppm total lead and <0.01 ppm leachable lead) remains in a covered pile near Building 5 awaiting disposal. The analytical results are attached.

U.S. Environmental Protection Agency
June 19, 1990
Page 3

Background lead levels for segregated depth levels as defined in the Closure Plan critical values for segregated depth intervals are as follows:

- depth 0-1 feet — 135.82 ppm, and
- depth 1-3 feet — 32.85 ppm.

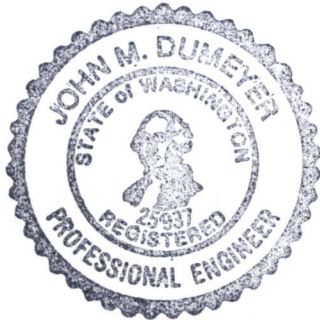
Based upon these background levels, lead contamination behind Building 39 has been successfully removed. The manifests for the disposal of the soil at ESI are included in Attachment 4.


CERTIFICATION OF CLOSURE


As an independent registered professional engineer engaged to certify closure operations pursuant to 40 CFR 265.115 and WAC 173-303-610, I hereby attest, based on my visit to the sites, a review of pertinent closure information/operations, and the closure plan submitted by Hillman Properties Northwest, Inc. on September 16, 1988, and amended in accordance to EPA letter of October 19, 1989, that the container storage areas in Building 39 and Building 17 and the area to the north of Building 39 have been closed in accordance with the specifications of the approved Closure Plan.

Very truly yours,

DAMES & MOORE

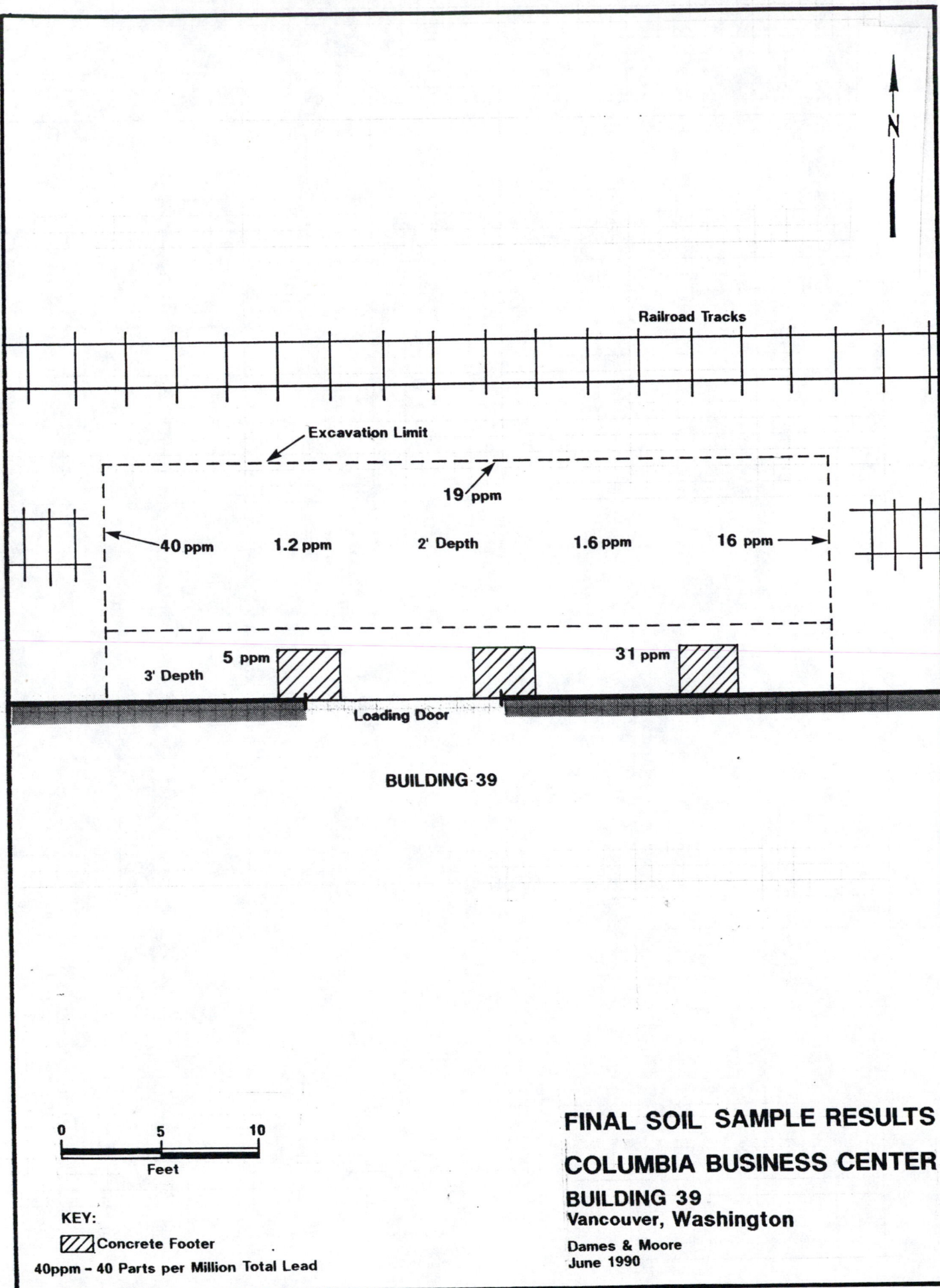



John M. Dumeyer, P.E.
Senior Environmental Engineer


Kim L. Marcus,
Project Manager

Attachment: Figure 1 — Final Excavation Limits
1 — Letter from EPA to Hillman Properties
2 — WDOE Analytical Results
3 — Laboratory Analytical Results
4 — Manifests

G-17809-01.03
JMD:KLM:tnb
17809-001-005



Attachment 1

Letter from EPA to Hillman Properties

U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION X

1200 SIXTH AVENUE
SEATTLE, WASHINGTON 98101



REPLY TO
ATTN OF:

W00

OCT 19 1989

RECEIVED

OCT 23 1989

Ans d.....

Doug Hardesty
Hillman Properties NW
2000 E. Columbia Way
Building 54
Vancouver, Washington 98661

Dear Mr. Hardesty:

This is to inform you that the U.S. Environmental Protection Agency (EPA) has determined that you have completed the closure in accordance with the approved closure plan of the hazardous waste storage units at building 39 and 17 in the Columbia Industrial Park. However, the Washington Department of Ecology (Ecology) has informed me that high levels of lead were found in soil samples they took between the railroad tracks and building 39. Therefore, you will need to address this problem before we can downgrade your regulatory status.

To address the contamination EPA will require that you remove all of the gray colored material Ecology noted on the ground between building #39 and the Railroad tracks near the loading dock door of building #39. The soil should be excavated to a depth of six inches below the gray material. The excavated material must be collected and managed as hazardous waste. Once excavation is complete samples should be taken in each hole and analyzed for EPA Toxicity for lead to assure that the cleanup is complete. Cleanup should be completed and documentation submitted to EPA within 60 days of receipt of this letter. If this is not done it will be necessary to take further enforcement action against your facility.

If you have any questions please contact Jack Boller at (206) 753-9428.

Sincerely,

Michael F. Gearheard, Chief
Waste Management Branch

Enclosures

cc: Jack Boller, EPA
Lisa Stone

Attachment 2

WDOE Analytical Results

002

22-SEP-89
14:26:48Washington State Department of Ecology
Sample/Project Analysis Results

Page 3

Project: 002-123A VANCOUVER COLUMBIAN

Laboratory: Ecology, Manchester

Sample No: 89 107830

Description: BLDs39-2

Begin Date: 01/05/88

Officer: RVP

Account: 14005

Source: Industrial Implant Waters

Metals - EP Toxicity		EPT-Std	
		Result	Units
Mercury	Hg-Total	0.11	ug/l

Metals - EP Toxicity		EPT-Std	
Matrix Spike #1		Result	Units
Mercury	Hg-Total	98	% Recov

Metals - EP Toxicity		EPT-Std	
Matrix Spike #2		Result	Units
Mercury	Hg-Total	101	% Recov

Metals - EP-Tox, ICP		EPT-Std	
		Result	Units
Arsenic	As-Total	5000	ug/l 5000*
Barium	Ba-Total	212	ug/l 212
Cadmium	Cd-Total	156	ug/l 196
Chromium	Cr-Total	1400	ug/l 1000
Lead	Pb-Total	100000	ug/l 200000
Silver	Ag-Total	500	ug/l 500*
Selenium	Se-Total	1000	ug/l 1000*
EPTOK	Sludge	RIQ	Percent
		ACB.	

ECOLGY / SURO

05:56

01/05/90

Attachment 3

Laboratory Analytical Results



9405 S.W. Nimbus Ave. Beaverton, OR 97005 (503) 644-0660
FAX # (503) 644-2202

June 13, 1990

Dames & Moore
1750 SW Harbor Way, Suite 400
Portland, OR 97205

Attn: Kim Marcus

Re: JOB #17809-001
PEL #90-1518

Enclosed is the lab report for your samples which were received on June 4, 1990.

I. Sample Description

Three Soil Samples

The samples were received under a chain of custody.

The samples were received in containers consistent with EPA protocol.

II. Quality Control

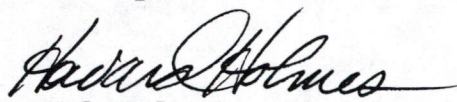
No project specific QC was requested. In-house QC data is available upon request.

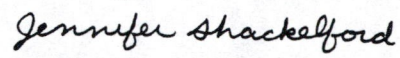
III. Analytical Results

Test methods may include minor modifications of published methods such as detection limits or parameter lists. Solid and waste samples are reported on an "as received" basis unless otherwise noted.

Compounds not detected are listed under results as ND.

Sincerely,


Howard Holmes
Lab Manager


Jennifer Shackelford
Chemist



PEL REPORT NUMBER: 90-1174
CLIENT: Dames & Moore
JOB REFERENCE: 17809-001
DATE: May 3, 1990
ITEMS: Eight Soil Samples

METHOD: Total Metals per EPA 3050, 7420
Results in mg/kg (ppm)

<u>Sample I.D.</u>	<u>Lead</u>
SS-392-1	19
SS-392-2	300
SS-392-3	680
SS-392-4	980
SS-392-4T	470
SS-CIEE-1	7
SS-CIEE-2	15
SS-CIEE-3	16
Lab Blank	ND
Detection Limit	1

METHOD: E.P. Toxicity per EPA 1310, 7420
Results in mg/L (ppm)

<u>Sample I.D.</u>	<u>Lead</u>
SS-392-1	ND
SS-392-2	ND
SS-392-3	1.1
SS-392-4	1.3
SS-392-4T	0.1
Lab Blank	ND
Detection Limit	0.1



PEL REPORT NUMBER: 90-1225
CLIENT: Dames & Moore
JOB REFERENCE: 17809-001
DATE: May 16, 1990
ITEMS: Four Soil Samples

METHOD: Total Lead per EPA 3050, 7420
Results in mg/kg (ppm)

<u>Sample I.D.</u>	<u>Lead</u>
SS-393-2	76
SS-393-3	16
SS-393-4W	5
SS-393-4E	31
Lab Blank	ND
Detection Limit	1



PEL REPORT NUMBER: 90-1518
CLIENT: Dames & Moore
JOB REFERENCE: 17809-001
DATE: June 13, 1990
ITEMS: Three Soil Samples

METHOD: Total Lead per EPA 3050, 6010
Results in mg/kg (ppm)

<u>Sample I.D.</u>	<u>Lead</u>
SS-394-2	40
SS-394-3	1.2
SS-394-4	1.6
Lab Blank	ND
Detection Limit	0.5

Attachment 4

Manifests

MAILING ADDRESS:
P.O. Box 16217
Boise, Idaho 83715-6217
(208) 384-1500

GENERATOR WASTE PRODUCT QUESTIONNAIRE
ENVIROSAFE SERVICES OF IDAHO, INC.

U.S. EPA ID. Number IDD073114654

FACILITY ADDRESS
10 1/2 Miles NW Grandview
Missile Base Road
Grandview, Idaho 83624

☐ NEW ☐ RENEWAL

SECTION A - GENERATOR DATA

1. Generator COLUMBIA BUSINESS CENTER
Address 2501 SE COLUMBIA WAY #240
City/State VANCOUVER WA ZIP 98661
Tech. Contact CHRISTINE WAMLEY TEL 206-693-3644

U.S. EPA IDENTIFICATION NUMBER

WAD980979751

2. Billing/Broker NORTHWEST ENVIROSERVICE INC.
Address 1700 AIRPORT WAY S.
City/State SEATTLE WA ZIP 98134
Billing Contact DENNIS K. McLAUGHLIN TEL 206-622-1090

Envirosafe Services Only	
Application #	<input type="text"/>
PCN	<input type="text"/>
CUST #	<input type="text"/>
<input type="checkbox"/> DIRECT BILLING BROKER	<input type="checkbox"/> ACES
Sales Zone Code	<input type="text"/>
TAX <input type="checkbox"/> YES <input type="checkbox"/> NO	
Cell 5 Waste <input type="checkbox"/>	
MANIFEST CERTIFICATION REQUIRED	<input type="checkbox"/>

SECTION B - WASTE CHARACTERIZATION

1. Common Name for This Waste: LEAD CONTAMINATED SOIL
2. Process Generating This Waste: SITE REMEDIATION
3. Annual Quantity: _____ 1 ☐ Tons 2 ☐ Yards 3 ☐ Gallons 3.1 20 (Annual Quantity) 4 ☒ Drums
4. Shipment Duration: _____ 5. Shipment Mode: _____
1 ☐ Permanent (1 Year or Longer) 1 ☐ Bulk 2 ☐ Palletized Boxes 3 ☐ Woven Cloth Bags 4 ☒ Metal Drums
2 ☒ Temporary (Less Than 1 Year) 5 ☐ Other: _____

SECTION C - PHYSICAL PROPERTIES

As Shipped To ESII

1. Is waste shipped different than waste as produced at initial point of generation? 1 ☐ YES 2 ☒ NO
If yes, must include Attachment A to describe waste as initially generated.
2. Describe physical state at 70°F
1 ☒ Dry Solid 2 ☐ Damp Solid 3 ☐ Powder 4 ☐ Semi-Solid/Gel 5 ☐ Flowable Liquid 6 ☐ Labpack
7 ☐ Other _____
3. Describe Load Bearing Strength at 70°F: 3.1 Penetrometer PSI: NA. 3.2 % Solids @105°C: 100
1 ☒ Solid/Rigid 2 ☐ Sludge 3 ☐ Weak/None
4. Describe Physical Appearance of Waste (Include Color): BROWN SOIL 5. Apparent Density of Waste: 2200 Lb./Cu. Yard
6. Flash Point: 6.1 Actual Flash Pt: NA.°F 6.2 Combustible: 1 ☐ Yes 2 ☒ No
1 ☐ <70°F 2 ☐ 70-100°F 3 ☐ 101-140°F 4 ☐ 141-200°F 5 ☒ >200°F
7. pH Range (50% Slurry in Distilled Water for Solid) 4-10 7.1 Actual pH (S.U.): 8
8. Describe Odor of Waste: 1 ☒ None 2 ☐ Slight 3 ☐ Strong Describe _____
9. Viscosity (Liquids): Similar to 1 ☐ Water 2 ☐ Motor Oil 3 ☐ Honey
4 ☐ Other NA.
10. Debris in Waste: 1 ☒ Yes 2 ☐ No Describe ROCKS, WOOD ECT.
11. Potential for presence/Separation of incidental liquids during transport:
1 ☐ Yes 2 ☒ No

13918 D

61,500

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0035 Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address COLUMBIA BUSINESS CENTER 2501 SE COLUMBIA WAY #240		1. Generator's US EPA ID No. WAD 98097975100001		A. State Manifest Document Number		
4. Generator's Phone (206) 693-3644 VANCOUVER, WA 98661		6. US EPA ID Number		B. State Generator's ID		
5. Transporter 1 Company Name JACK GRAY TRANSPORT		7. Transporter 1 US EPA ID Number IND 042534873		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 531-6102		
9. Designated Facility Name and Site Address ENVIROSAFE SERVICES OF IDAHO, INC. MISSILE BASE ROAD GRANDVIEW, IDAHO 83624		10. US EPA ID Number ID 0073114854		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (208) 384-1500		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	
a. Hazardous waste solid		No. Type				
b. Hazard class - ORME						
c. EPA waste ID no. - D008						
d. DOT waste ID no. - NA9189						
J. Additional Descriptions for Materials Listed Above PCN 1655 D		K. Handling Codes for Wastes Listed Above 03				
15. Special Handling Instructions and Additional Information NA						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name COLUMBIA BUSINESS CENTER Signature Christine Wamsley Month Day Year 4/26/90						
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JACK GRAY TRANSPORT Signature Patrick H. Hall Month Day Year 4/26/90						
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year						
19. Discrepancy Indication Space 9. Missile Base Rd 10. ID 073 114654 11a. 98 Hazardous waste solid, N.O.S., DIRM-E, NA9189 (D008) 12a. 10T 13a. delete 14a. Y 11b,c,d - delete on per Christine Wamsley 4-27-90 @ 10:30						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name ESII Signature Nancy Madarieta Month Day Year 4/27/90						

13918A

70,920

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0035 Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address COLUMBIA BUSINESS CENTER 2501 SE COLUMBIA WAY #240		1. Generator's US EPA ID No. WA D 9 8097975100002		A. State Manifest Document Number	
4. Generator's Phone (206) 693-3644 VANCOUVER, WA 98661		6. US EPA ID Number		B. State Generator's ID	
5. Transporter 1 Company Name JACK GRAY TRANSPORT		7. US EPA ID Number 11ND042534873		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 531-6102	
9. Designated Facility Name and Site Address ENVIROSAFE SERVICES OF IDAHO, INC MISSILE BASE ROAD GRANDVIEW, IDAHO 83624		10. US EPA ID Number 11DD0731114854		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (208) 384-1500	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous waste solid		No.	Type		
b. Hazard class - ORME					
c. EPA waste ID no - D008					
d. DOT waste ID no - NA9189					
J. Additional Descriptions for Materials Listed Above PCN 1655 D		K. Handling Codes for Wastes Listed Above 03			
15. Special Handling Instructions and Additional Information NA					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name COLUMBIA BUSINESS CENTER Signature Christine Wamsley Month Day Year 4/26/90					
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Gerald Meyer Month Day Year 6/4/26/90			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature Month Day Year			
19. Discrepancy Indication Space 9. Missile Base Rd 11b, c, d, - delete 14a. Y 10. IDD 073 114 654 12a. 1 OT 13. 26 11a. RQ Hazardous Waste solid, NOS, ORM-E, NA9189(D008) ex per Christine Wamsley 4/27/90 @ 10:30					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name ESTI Signature Nancy Madarieta Month Day Year 10/4/27/90					

13918B

62,000

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0035 expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address COLUMBIA BUSINESS CENTER 2501 SE COLUMBIA WAY #240		6. US EPA ID Number WAD98097975106683		8. US EPA ID Number 11ND042534873		A. State Manifest Document Number		B. State Generator's ID	
4. Generator's Phone (206) 693-3644		VANCOUVER, WA 98661		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone (206) 531-6102	
5. Transporter 1 Company Name JACK GRAY TRANSPORT		8. US EPA ID Number		10. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone	
9. Designated Facility Name and Site Address ENVIROSAFE SERVICES OF IDAHO, INC. MISSILE BASE ROAD GRANDVIEW, IDAHO 83624		10. US EPA ID Number 11DD073114884		12. Containers		13. Total Quantity		14. Unit Wt/Vol	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		No.		Type		Total Quantity		Unit Wt/Vol	
a. Hazardous waste solid						23yd ³			
b. Hazard class - ORME									
c. EPA waste ID no. - D008									
d. DOT waste ID no. - NA9189									
J. Additional Descriptions for Materials Listed Above		PCN 1688 D		K. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information NA									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name COLUMBIA BUSINESS CENTER Signature Christine Wamsley Month Day Year 4/26/90									
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JACK GRAY TRANSPORT Signature Martin Keith McCray Month Day Year 4/26/90									
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year									
19. Discrepancy Indication Space a. Missile Base Rd. b. ID 073 114 654 c. Hazardous waste solid, N.O.S., ORME-E, NA9189 (D008) d. DOT 13a. 23 14a. Y e. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name ESTI Signature Nancy Madarieta Month Day Year 4/27/90									

13918C

60,120

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0035 Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address COLUMBIA BUSINESS CENTER 2501 SE COLUMBIA WAY #240		1. Generator's US EPA ID No. WA D 98097975162624		A. State Manifest Document Number		
4. Generator's Phone (206) 693-3644 VANCOUVER, WA 98661		6. US EPA ID Number		B. State Generator's ID		
5. Transporter 1 Company Name JACK GRAY TRANSPORT		7. US EPA ID Number 11MD04253487		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 531-6102		
9. Designated Facility Name and Site Address ENVIROSAFE SERVICES OF IDAHO, INC. MISSILE BASE ROAD GRANDVIEW, IDAHO 83624		10. US EPA ID Number 11DD073114854		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (206) 384-4000		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	
a. Hazardous waste solid			2341 ³			
b. Hazard class - ORME						
c. EPA waste ID no. - D008						
d. DOT waste ID no - NA9189						
J. Additional Descriptions for Materials Listed Above PCN 1655.D		K. Handling Codes for Wastes Listed Above 03				
15. Special Handling Instructions and Additional Information NA						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name CHRISTINE WANSLEY		Signature <i>Christine Wansley</i>		Month Day Year 12 6 90		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JACK GRAY TRANSPORT		Signature <i>Albert E. Mace</i>		Month Day Year 12 6 90		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space 9. Missile Base Rd. 11b, c, d - delete 10. IDD 073 114 654 11a. R8 Hazardous Waste Solid, N.O.S., ORM-E, NA9189 (D008) 12a. 101 139.23 14a. V ORPEN Christine Wansley 4-27-90 @ 10:30						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name ESKI NANCY MADARIETA						
Signature <i>Nancy Madarieta</i>		Month Day Year 10 12 79				

Please print or type.

(Form designed for use on elite (12-pitch) typewriter.)

14108

60,200

Form Approved. OMB No. 2050-0035 Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WA D 9 8 0 9 7 9 7 5 1 0 0 0 0 5		Manifest Document No. 60,200		2. Page 1 of		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address COLUMBIA BUSINESS CENTER 2501 SE COLUMBIA WAY #240						A. State Manifest Document Number							
4. Generator's Phone (206) 693-3644 VANCOUVER, WA 98661						B. State Generator's ID							
5. Transporter 1 Company Name JACK GRAY TRANSPORT						C. State Transporter's ID							
6. US EPA ID Number 11ND042534873						D. Transporter's Phone							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address ENVIROSAFE SERVICES OF IDAHO, INC MISSILE BASE ROAD GRANDVIEW, IDAHO 83624						G. State Facility's ID							
10. US EPA ID Number 11D1073114654						H. Facility's Phone							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. RQ, HAZARDOUS WASTE SOLID, N.O.S., ORM-E, NA 9189 (DOOB)						No. Type 001 DT		120		Y			
b.													
c.													
d.													
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above 03							
15. Special Handling Instructions and Additional Information													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.													
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name CHRISTINE WANSLEY						Signature <i>Christine Wansley</i>				Month Day Year 05 05 90			
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature <i>Gerald Meyer</i>				Month Day Year 05 05 90			
Printed/Typed Name Gerald Meyer						Signature				Month Day Year			
18. Transporter 2 Acknowledgement of Receipt of Materials						Signature				Month Day Year			
Printed/Typed Name						Signature				Month Day Year			
19. Discrepancy Indication Space #9. Missile Base Road													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name CAROL PRICE						Signature <i>Carol Price</i>				Month Day Year 11 10 90			